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- Ionically conductive organosiloxane polymer compositions.
- (F) The ionically conductive compositions of this invention comprise the ionic pair (-SO₃)_nMⁿ⁺ bonded either to a crosslinked polymer containing organosiloxane units or to a finely divided solid that is immobilized within said composition, where the sulfur atom of said ionic pair is bonded by means of a divalent hydrocarbon radical that optionally contains at least one ether (-O-) linkage, and where M is a metal from Group I or Group II of the periodic table of the elements and n represents the valence of M. If the polymer does not contain oxyalkylene units the composition contains a non-aqueous electrolyte.



EUROPEAN SEARCH REPORT

Application Number EP 93 11 2208

		SIDERED TO BE RELEVAN	<u>T</u>	
Category	Citation of document with of relevant	h indication, where appropriate, passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CL5)
A	US-A-4 888 257 (S * the whole docume	.C.NARANG) ent *	1-9	H01B1/12 H01M6/18
٨	EP-A-O 362 593 (TORAY SILICONE) * page 4, line 30 - line 33; claims 1,2 *		1-9	
	POLYMERS FOR ADVANCED TECHNOLOGIES vol. 4, no. 2/3 , 1993 , CHICHESTER, SUSSEX ,GB pages 80 - 84 J.NI & AL 'synthesis of a novel polysiloxane-based polymer electrolyte and its ionic conductivity' * the whole document *		1-9	
	pages 29~ - 34 Z.OGUMI & AL 'ioni polymer films prep polymerization'	January 1990 , USA cally conductive thin ared by plasma	1-9	Table
1	* the whole docume	nt *		TECHNICAL FIELDS SEARCHED (Int.Cl.5)
	≥1455 A85, AN 90-3	ns Ltd. London GR	1,3	H01B H01M
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1	he present search report has b	cen drawn un for all claims	İ	
	face of search	Date of completion of the search		
T	HE HAGUE	28 February 1994	Dro	Executer Iot, M-C
X : particu Y : particu docum A : techno O : non-w	TEGORY OF CITED DOCUMES that y relevant if taken alone that y relevant if combined with and ent of the same category. logical background itten disclosure didate document	NTS T: theory or principle : E: earlier patent docur	underlying the innent, but published application other reasons	ovention hed on, or

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